

Title (en)

TAG DEVICE POSITIONING METHOD AND SYSTEM, AND RELATED APPARATUS

Title (de)

VERFAHREN UND SYSTEM ZUR POSITIONIERUNG EINER ETIKETTVOORRICHTUNG UND ZUGEHÖRIGE VORRICHTUNG

Title (fr)

PROCÉDÉ ET SYSTÈME DE POSITIONNEMENT DE DISPOSITIF À ÉTIQUETTE, ET APPAREIL ASSOCIÉ

Publication

EP 4329393 A1 20240228 (EN)

Application

EP 21943446 A 20210531

Priority

CN 2021097461 W 20210531

Abstract (en)

This application provides a tag locating method and system, and a related apparatus. In the method, a first network element sends first indication information to a location management function network element, where both the first network element and the location management function network element are network elements in a core network. The location management function network element may obtain, based on the first indication information, a result of locating a first tag, and determine location information of the first tag based on the result of locating the first tag. The first network element may obtain the location information of the first tag from the location management function network element. It can be learned that, in the tag locating method, the location information of the first tag can be obtained based on an architecture incorporating a cellular system and a passive or semi-active Internet of Things technology, to avoid extra costs due to repeated deployment of a passive or semi-active Internet of Things locating system.

IPC 8 full level

H04W 64/00 (2009.01)

CPC (source: EP US)

G01S 1/00 (2013.01 - EP); **H04W 4/02** (2013.01 - EP); **H04W 24/08** (2013.01 - US); **H04W 64/00** (2013.01 - US); **H04W 4/80** (2018.02 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4329393 A1 20240228; **EP 4329393 A4 20240228**; CN 117356140 A 20240105; US 2024098680 A1 20240321; WO 2022252070 A1 20221208

DOCDB simple family (application)

EP 21943446 A 20210531; CN 2021097461 W 20210531; CN 202180098392 A 20210531; US 202318523641 A 20231129